IPMI Firmware

Product Name	**X10DRU-I+ and X10DRH-C/CT/I/IT**
Release Version	**3.78**
Release Date	**10/4/2018**
Previous Version	**3.76**
Update Category	**Recommended**
Dependencies	**None**
Important Notes	**None**
Enhancements	**N/A**
New features	**1. Revert MAC address format to "xx:xx:xx:xx:xx:xx" for backward compatibility.** **2. Added parameter (SkipCheckingME) for BIOS EnterUpdateMode in Redfish to skip ME checking.** **3. Added support for TaskService feature during BMC and Broadcom storage controller update in Redfish.** **4. Added support for Node Manager feature in Redfish.** **5. Added new feature for GUID/BoardID in Redfish.** **6. Added new feature for event data extension in Redfish.** **7. Changed FirmwareInventory to SmcFirmwareInventory to prevent user confusion with Redfish standard definition.** **8. Added support for new Redfish firmware inventory (3108 storage**

	controller) to update firmware.
	9. Added support for monitoring Broadcom storage controller 3008/3216 (HBA/Host Bus Adapter) temperature, attached physical drive temperature, and attached physical drive status.
Fixes	**1. Allow opening 4th IKVM session in Redfish.** **2. Corrected IP address format on System page.** **3. Power consumption history no longer shows minimum power as 0W.** **4. Misc text formatting.**

Release Notes from Previous Release(s)

3.76 (6/17/2018)
1. Correct email function failure.
2. Corrected Java SOL console launch failures.

3.75 (6/12/2018)

1. Revised Redfish "Actions" for clearing event log.
2. Added new Redfish features for downloading and uploading IPMI configuration.
3. Added adaptive temperature threshold in SDR for drives connected to 3108.
4. Enabled AC Power On Event log.
5. Added enable and disable options for 3108's JBOD mode over BMC's Web page and Redfish API "/redfish/v1/Systems/1/Storage/HA-RAID".
6. Added Redfish memory information feature.
7. Added support for saving 3108 storage controller status event.
8. Enabled monitoring of Broadcom 3108 BBU status and logging of it as status change.
9. Removed duplicate AOC NIC sensor appearing on sensor reading WebGUI.
10. Corrected SEL to show bad disks.
11. Allow IPMI to detect removal or insertion HDD activity.
12. Allow viewing de-assertion messages after removed disks are reinserted.
13. Set AC Power On Event log to be reported when BMC executes cold reboot.
14. Enabled update of 3108's firmware over BMC's Web page.
15. BMC now logs events when user removes pre-installed HDDs (connected to storage backplane and 3108) during system boot and after Broadcom 3108 storage controller is initialized.
16. Corrected sensor reading of AOC-STG-i4S card.
17. Redfish no longer returns 500 when NetworkProtocol is patched after factory default.
18. Multi-language support of iKVM/HTML5 console help page.
19. Allow updating 3108's firmware over BMC's Web page if Logical device is on the card.
20. Corrected timeout of Invalid Default Active Directory.
21. Re-enable Upload button for floppy disk after unmounting a file.
22. Corrected change JBOD mode failures.
23. Remove "undefined" message appearing in pop-up window before uploading Broadcom 3108's ROM.